

Title (en)

A method for controlling a multi-gradation display and a multi-gradation display device.

Title (de)

Steuerungsmethode für Anzeigen mit Mehrfach-Farbabstufung und Anzeige mit Mehrfach-Farbabstufung.

Title (fr)

Méthode de contrôle d'un affichage à gradations multiples et dispositif d'affichage à gradations multiples.

Publication

EP 0384403 B1 19940921 (EN)

Application

EP 90103253 A 19900220

Priority

- JP 3972589 A 19890220
- JP 9911489 A 19890419
- JP 29884289 A 19891117

Abstract (en)

[origin: EP0384403A2] A method is disclosed for controlling a multi-gradation display. The method comprises the selective lighting or not lighting in the unit of frame a number of dots distributed in a matrix on a two-dimensional display panel of a display, whereby the dots turned on or not turned on are made effective for display of an image to display the image in multi-gradations. The effective dot matrix determining a distribution of the effective dots decided by turning on or not turning on a number of dots in the unit of frame is generated in at least two kinds of sizes which are different from each other in at least one of the direction of row of the effective dot matrices and column thereof, in accordance with a gradation of the image to be displayed.

IPC 1-7

G09G 3/36

IPC 8 full level

G09G 3/36 (2006.01); **G02F 1/1343** (2006.01); **G09G 3/20** (2006.01)

CPC (source: EP KR)

G09G 3/36 (2013.01 - KR); **G09G 3/3611** (2013.01 - EP); **G02F 1/134345** (2021.01 - EP); **G09G 3/2025** (2013.01 - EP); **G09G 3/2051** (2013.01 - EP)

Cited by

EP1434195A4; US5489918A; EP0623912A1; US5400044A; EP0494826A1; FR2671656A1; US5321418A; WO9708678A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0384403 A2 19900829; **EP 0384403 A3 19910320**; **EP 0384403 B1 19940921**; DE 69012607 D1 19941027; DE 69012607 T2 19950323; KR 900013441 A 19900905; KR 940001358 B1 19940219

DOCDB simple family (application)

EP 90103253 A 19900220; DE 69012607 T 19900220; KR 900001878 A 19900216